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Inventor Name Search Result

Your Search was:

Last Name = WU

First Name = SHIQUAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09321818	6510186	150	05/28/1999	SIGNAL TIME OF ARRIVAL ESTIMATION METHOD AND SYSTEM	WU, SHIQUAN
09321819	6493380	150	05/28/1999	SYSTEM AND METHOD FOR ESTIMATING SIGNAL TIME OF ARRIVAL	WU, SHIQUAN
09329365	6549594	150	06/10/1999	TIMING PHASE RECOVERY METHOD AND APPARATUS	WU, SHIQUAN
09374000	6704300	150	08/16/1999	METHOD AND SYSTEM FOR ACQUISITION OF A TIME STAMPED SIGNAL	WU, SHIQUAN
09374103	6353744	150	08/16/1999	METHOD FOR POSITIONING WITH LOW GEOMETRICAL DILUTION OF POSITION (GDOP)	WU, SHIQUAN
09746929	6985545	150	12/26/2000	APPARATUS AND METHOD TO PROVIDE SPECTRUM SHARING FOR TWO OR MORE RF SIGNALS OCCUPYING AN OVERLAPPING RF BANDWIDTH	WU, SHIQUAN
09750804	6985434	150	12/29/2000	ADAPTIVE TIME DIVERSITY AND SPATIAL DIVERSITY FOR OFDM	WU, SHIQUAN
09751166	6850481	150	12/29/2000	CHANNELS ESTIMATION FOR MULTIPLE INPUT - MULTIPLE OUTPUT, ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM	WU, SHIQUAN
09751879	Not Issued	160	12/29/2000	Preamble design for multiple input - multiple output, orthogonal frequency division multiplexing	WU, SHIQUAN

				(OFDM) system	
<u>09751881</u>	<u>7009931</u>	150	12/29/2000	SYNCHRONIZATION IN A MULTIPLE-INPUT/MULTIPLE-OUTPUT (MIMO) ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM FOR WIRELESS APPLICATIONS	WU, SHIQUAN
<u>09819957</u>	Not Issued	51	03/28/2001	Preamble design for multiple input - multiple output (MIMO), orthogonal frequency division multiplexing (OFDM) system	WU, SHIQUAN
<u>10473337</u>	<u>7103362</u>	150	04/07/2004	SYSTEM AND METHOD FOR RADIO TRANSMITTER ACQUISITION	WU, SHIQUAN
<u>10484701</u>	Not Issued	30	09/02/2004	Method of and apparatus for communication via multiplexed links	WU, SHIQUAN
<u>10521582</u>	Not Issued	30	01/18/2005	Frequency domain equalization in communications systems with scrambling	WU, SHIQUAN
<u>10535261</u>	Not Issued	41	05/17/2005	Hybrid space-time diversity beam forming system	WU, SHIQUAN
<u>10612976</u>	Not Issued	30	07/07/2003	Virtual MIMO transmitters, receivers, systems and methods	WU, SHIQUAN
<u>10662465</u>	Not Issued	30	09/16/2003	OFDM system and method employing OFDM symbols with known or information-containing prefixes	WU, SHIQUAN
<u>10736699</u>	Not Issued	30	12/17/2003	Method and apparatus for relaying a wireless signal	WU, SHIQUAN
<u>10799684</u>	Not Issued	30	03/15/2004	Channel structures, systems, and methods to support high speed communication channels	WU, SHIQUAN
<u>10912241</u>	Not Issued	30	08/06/2004	Communication signal equalization systems and methods	WU, SHIQUAN
<u>10915393</u>	Not Issued	30	08/11/2004	System and method for embedding OFDM in CDMA systems	WU, SHIQUAN
<u>10948124</u>	Not Issued	30	09/24/2004	Signalling channel and radio system for power saving in wireless devices	WU, SHIQUAN
<u>11242029</u>	Not Issued	30	10/04/2005	Coverage improvement in wireless systems with fixed infrastructure based relays	WU, SHIQUAN
<u>11315056</u>	Not	71	12/22/2005	Adaptive time diversity and spatial	WU, SHIQUAN

	Issued			diversity for OFDM	
<u>11458568</u>	Not Issued	30	07/19/2006	System And Method For Radio Transmitter Acquisition	WU, SHIQUAN
<u>11465537</u>	Not Issued	30	08/18/2006	METHOD AND APPARATUS FOR BEAM-FORMED MULTIPLE INPUT MULTIPLE OUTPUT WIRELESS COMMUNICATIONS	WU, SHIQUAN
<u>11481825</u>	Not Issued	20	07/07/2006	Methods and systems for a wireless routing architecture and protocol	WU, SHIQUAN
<u>11560336</u>	Not Issued	19	01/01/0001	NETWORK ORIENTED SPECTRUM SHARING SYSTEM	WU, SHIQUAN
<u>11582663</u>	Not Issued	30	10/17/2006	Adaptive time diversity and spatial diversity for OFDM	WU, SHIQUAN
<u>60229972</u>	Not Issued	159	09/01/2000	Orthogonal frequency division multiplexing(ofdm)systems	WU, SHIQUAN
<u>60396096</u>	Not Issued	159	07/17/2002	Method and apparatus for equalization of transmitted signals	WU, SHIQUAN
<u>60427229</u>	Not Issued	159	11/19/2002	Hybrid space-time diversity beam forming system	WU, SHIQUAN
<u>60433772</u>	Not Issued	159	12/17/2002	Frequency domain equalization in communications systems with scrambling	WU, SHIQUAN
<u>60454351</u>	Not Issued	159	03/14/2003	TDM pilot and embedded signalling channel structure to support reverse link high speed packet data operation for CDMA systems	WU, SHIQUAN
<u>60493004</u>	Not Issued	159	08/07/2003	OFDM system and method employing OFDM symbols with known or information-containing prefixes	WU, SHIQUAN
<u>60493331</u>	Not Issued	159	08/08/2003	System and method for forward link equalization in CDMA systems	WU, SHIQUAN
<u>60493800</u>	Not Issued	159	08/11/2003	System and method for embedding OFDM into WCDMA systems	WU, SHIQUAN
<u>60494087</u>	Not Issued	159	08/12/2003	OFDM mode for single carrier and multi-carrier CDMA systems	WU, SHIQUAN
<u>60553299</u>	Not Issued	159	03/15/2004	TDD frame structure for OFDM	WU, SHIQUAN
<u>60606050</u>	Not	159	08/31/2004	RFID triggered communication	WU, SHIQUAN

	Issued			and transaction	
60696996	Not Issued	159	07/06/2005	Systems and methods for wireless communications	WU, SHIQUAN
60730763	Not Issued	159	10/27/2005	Mobile wireless mesh routing architecture and routing protocol	WU, SHIQUAN
60776448	Not Issued	20	02/24/2006	Virtual base-station and tunnel CID approach for WiMAX mobile multi-hop relay network	WU, SHIQUAN

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PALM INTRANET**Inventor Name Search Result**

Your Search was:

Last Name = TONG

First Name = WEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08545182</u>	<u>5740207</u>	150	10/19/1995	COMPLEX SIGNAL LIMITING	TONG, WEN
<u>08565265</u>	<u>5778310</u>	150	11/30/1995	CO-CHANNEL INTERFERENCE REDUCTION	TONG, WEN
<u>08728368</u>	<u>5995565</u>	150	10/10/1996	CO-CHANNEL INTERFERENCE REDUCTION	TONG, WEN
<u>08739078</u>	Not Issued	161	10/24/1996	DETERMINING DIRECTION OF A MOBILE TERMINAL IN A CELLULAR COMMUNICATIONS SYSTEM	TONG, WEN
<u>08759092</u>	<u>5848108</u>	150	11/29/1996	SELECTIVE FILTERING FOR CO-CHANNEL INTERFERENCE REDUCTION	TONG, WEN
<u>08927724</u>	<u>6006083</u>	150	09/11/1997	TONE DETECTION	TONG, WEN
<u>09007188</u>	<u>5937017</u>	150	01/15/1998	COMPLEX SIGNAL LIMITING	TONG, WEN
<u>09069801</u>	<u>6195675</u>	250	04/30/1998	TONE DETECTION USING DISCRETE FOURIER TRANSFORM TECHNIQUES	TONG, WEN
<u>09116479</u>	<u>6330432</u>	150	07/16/1998	DETERMINING SIR IN A COMMUNICATIONS SYSTEM	TONG, WEN
<u>09186484</u>	<u>6411610</u>	150	11/05/1998	CORRELATION FOR SYNCHRONIZING TO LONG NUMBER SEQUENCES IN COMMUNICATIONS SYSTEMS	TONG, WEN
<u>09200080</u>	<u>6463043</u>	150	11/25/1998	CARRIER PHASE RECOVERY OF MULTI-RATE SIGNALS	TONG, WEN
<u>09203755</u>	<u>6396885</u>	150	12/02/1998	CO-CHANNEL INTERFERENCE REDUCTION IN WIRELESS COMMUNICATIONS SYSTEMS	TONG, WEN

09216972	6621850	150	12/21/1998	BLOCK DETECTION RECEIVER	TONG, WEN
09220014	6526103	150	12/23/1998	MULTI-STAGE RECEIVER	TONG, WEN
09236070	6298461	150	01/25/1999	ENCODING AND DECODING METHODS AND APPARATUS	TONG, WEN
09237255	Not Issued	161	01/26/1999	ENCODING METHODS AND APPARATUS	TONG, WEN
09273411	6311070	150	03/22/1999	VARIABLE STEP SIZE FOR POWER CONTROL BITS TO PROTECT AGAINST POWER OVERSHOOT	TONG, WEN
09291353	6543013	150	04/14/1999	INTRA-ROW PERMUTATION FOR TURBO CODE	TONG, WEN
09293540	6529741	150	04/16/1999	MULTI-BIT POWER CONTROL AND POWER CONTROL COMMAND SUB-CHANNEL DESIGN	TONG, WEN
09311708	6587517	150	05/13/1999	MULTI-STAGE RECEIVER	TONG, WEN
09335845	6668011	150	06/18/1999	BLOCK DETECTION RECEIVER	TONG, WEN
09359539	6625234	150	07/22/1999	EFFICIENT IMPLEMENTATIONS OF PROPOSED TURBO CODE INTERLEAVERS FOR THIRD GENERATION CODE DIVISION MULTIPLE ACCESS	TONG, WEN
09370178	7031406	150	08/09/1999	INFORMATION PROCESSING USING A SOFT OUTPUT VITERBI ALGORITHM	TONG, WEN
09409317	6427214	150	09/28/1999	INTERLEAVER USING CO-SET PARTITIONING	TONG, WEN
09412122	Not Issued	71	10/05/1999	COMMON POWER CONTROL CHANNEL IN A CDMA SYSTEM AND A SYSTEM AND METHOD FOR USING SUCH A CHANNEL	TONG, WEN
09450789	6704299	150	11/30/1999	EFFICIENT FRAME QUALITY INDICATOR FOR A WIRELESS SIGNAL DECODER	TONG, WEN
09459994	Not Issued	161	12/14/1999	METHOD AND SYSTEM FOR BLIND RECONNAISSANCE OF PACKETS	TONG, WEN

<u>09502050</u>	6724719	150	02/11/2000	DETERMINING TRANSMIT SIGNAL POWERS OF CHANNELS IN A CDMA COMMUNICATIONS SYSTEM	TONG, WEN
<u>09531470</u>	6732316	150	03/20/2000	DATA INTERLEAVER AND METHOD OF INTERLEAVING DATA	TONG, WEN
<u>09544981</u>	6744744	150	04/07/2000	RATE MATCHING AND CHANNEL INTERLEAVING FOR A COMMUNICATIONS SYSTEM	TONG, WEN
<u>09579656</u>	6431597	150	05/26/2000	REDUCED SMOKE GAS GENERANT WITH IMPROVED MECHANICAL STABILITY	TONG, WEN
<u>09597740</u>	6665833	150	06/19/2000	PUNCTURING OF CONVOLUTIONAL CODES	TONG, WEN
<u>09611968</u>	6839876	150	07/06/2000	PREAMBLE USING GOLAY SEQUENCE FOR ACCESS CHANNEL IN CELLULAR COMMUNICATIONS SYSTEMS	TONG, WEN
<u>09693870</u>	6603962	150	10/23/2000	DETERMINING DOPPLER BANDWIDTH OF A RECEIVED SIGNAL FROM A DETERMINED POWER OF THE SIGNAL	TONG, WEN
<u>09750804</u>	6985434	150	12/29/2000	ADAPTIVE TIME DIVERSITY AND SPATIAL DIVERSITY FOR OFDM	TONG, WEN
<u>09751166</u>	6850481	150	12/29/2000	CHANNELS ESTIMATION FOR MULTIPLE INPUT - MULTIPLE OUTPUT, ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM	TONG, WEN
<u>09751879</u>	Not Issued	160	12/29/2000	Preamble design for multiple input - multiple output, orthogonal frequency division multiplexing (OFDM) system	TONG, WEN
<u>09751881</u>	7009931	150	12/29/2000	SYNCHRONIZATION IN A MULTIPLE-INPUT/MULTIPLE-OUTPUT (MIMO) ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM FOR WIRELESS APPLICATIONS	TONG, WEN

09762991	7058077	150	02/14/2001	FLEXIBLE FRAME STRUCTURE FOR A CDMA WIRELESS NETWORK	TONG, WEN
09764660	7072307	150	01/18/2001	HYBRID ARQ SCHEMES WITH SOFT COMBINING IN VARIABLE RATE PACKET DATA APPLICATIONS	TONG, WEN
09764663	6804521	150	01/18/2001	MULTI-BEAM ANTENNA SYSTEM FOR HIGH SPEED DATA	TONG, WEN
09766159	6956835	150	01/19/2001	MULTI-CARRIER ARRANGEMENT FOR HIGH SPEED DATA	TONG, WEN
09766261	Not Issued	161	01/19/2001	Flexible frame structures in adaptive high data rate wireless access systems	TONG, WEN
09766267	Not Issued	41	01/19/2001	Frame structure for variable rate wireless channels transmitting high speed data	TONG, WEN
09819957	Not Issued	51	03/28/2001	Preamble design for multiple input - multiple output (MIMO), orthogonal frequency division multiplexing (OFDM) system	TONG, WEN
09834104	6907020	150	04/12/2001	FRAME STRUCTURES SUPPORTING VOICE OR STREAMING COMMUNICATIONS WITH HIGH SPEED DATA COMMUNICATIONS IN WIRELESS ACCESS NETWORKS	TONG, WEN
09835102	6917603	150	04/13/2001	SERVICING MULTIPLE HIGH SPEED DATA USERS IN SHARED PACKETS OF A HIGH SPEED WIRELESS CHANNEL	TONG, WEN
09836488	6931569	150	04/17/2001	DUAL PROTOCOL LAYER AUTOMATIC RETRANSMISSION REQUEST SCHEME FOR WIRELESS AIR INTERFACE	TONG, WEN
09853156	6961371	150	05/11/2001	CELLULAR COMMUNICATIONS SYSTEM RECEIVERS	TONG, WEN
09950776	Not Issued	41	09/13/2001	Multi-user detection in CDMA communications system	TONG, WEN

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Last Name = TONG

First Name = WEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09977540</u>	<u>7061854</u>	150	10/15/2001	EFFICIENT OFDM COMMUNICATIONS WITH INTERFERENCE IMMUNITY	TONG, WEN
<u>09979834</u>	<u>6999445</u>	150	11/27/2001	MULTIPLE ACCESS COMMUNICATION SYSTEM USING CHAOTIC SIGNALS AND METHOD FOR GENERATING AND EXTRACTING CHAOTIC SIGNALS	TONG, WEN
<u>10038883</u>	Not Issued	41	01/08/2002	Scattered pilot pattern and channel estimation method for MIMO-OFDM systems	TONG, WEN
<u>10038915</u>	Not Issued	41	01/08/2002	System access and synchronization methods for MIMO OFDM communications systems and physical layer packet and preamble design	TONG, WEN
<u>10038916</u>	Not Issued	61	01/08/2002	Method and apparatus for channel quality measurements	TONG, WEN
<u>10046527</u>	<u>7079489</u>	150	01/14/2002	METHOD AND DEVICES FOR TRANSMITTING DATA WITH ACKNOWLEDGEMENT MECHANISM	TONG, WEN
<u>10074701</u>	Not Issued	161	02/13/2002	Partial puncture retransmission	TONG, WEN
<u>10083100</u>	Not Issued	161	02/26/2002	Radio communications device	TONG, WEN
<u>10104252</u>	<u>7149190</u>	150	03/22/2002	MAC CHANNEL OPERATION EMPLOYABLE FOR RECEIVING ON MORE THAN ONE FORWARD LINK CHANNEL	TONG, WEN
<u>10104399</u>	<u>7042858</u>	150	03/22/2002	SOFT HANDOFF FOR OFDM	TONG, WEN

<u>10116054</u>	Not Issued	120	04/05/2002	Transmitter for a wireless communications system using multiple codes and multiple antennas	TONG, WEN
<u>10116896</u>	7103325	150	04/05/2002	ADAPTIVE MODULATION AND CODING	TONG, WEN
<u>10144950</u>	6865373	150	05/14/2002	APPARATUS AND METHOD FOR ENCODING AND DECODING DATA WITHIN WIRELESS NETWORKS	TONG, WEN
<u>10161913</u>	7043210	150	06/04/2002	ADAPTIVE CODING AND MODULATION	TONG, WEN
<u>10162285</u>	Not Issued	41	06/04/2002	Carrier hopping in a CDMA system	TONG, WEN
<u>10164063</u>	Not Issued	120	06/05/2002	Multiple threshold scheduler	TONG, WEN
<u>10172626</u>	Not Issued	41	06/14/2002	Adaptive scheduling for multi-carrier systems	TONG, WEN
<u>10183626</u>	Not Issued	90	06/28/2002	DATA STREAMING METHOD AND APPARATUS USING ADAPTIVE TRANSMISSION SCHEDULING	TONG, WEN
<u>10226172</u>	7151804	150	08/23/2002	SYSTEM AND MEHOD FOR REDUCING THE PEAK POWER IN MULTI-CARRIER MODULATION	TONG, WEN
<u>10226174</u>	Not Issued	80	08/23/2002	SYSTEM AND METHOD PERFORMING QUADRATURE AMPLITUDE MODULATION BY COMBINING CO-SETS AND STRONGLY CODED CO-SET IDENTIFIERS	TONG, WEN
<u>10230762</u>	Not Issued	161	08/28/2002	Carrier phase recovery of multi-rate signals	TONG, WEN
<u>10247286</u>	7152196	150	09/20/2002	ADAPTIVĒ MULTI-MODE HARQ SYSTEM AND METHOD	TONG, WEN
<u>10251935</u>	Not Issued	61	09/20/2002	Incremental redundancy with space-time codes	TONG, WEN
<u>10261739</u>	Not Issued	41	10/01/2002	Channel mapping for OFDM	TONG, WEN
<u>10263268</u>	Not Issued	41	10/02/2002	Combined space-time decoding	TONG, WEN
<u>10314347</u>	Not Issued	41	12/09/2002	Method and apparatus for scrambling based peak-to-average	TONG, WEN

				power ratio reduction without side information	
<u>10321999</u>	Not Issued	30	12/16/2002	Virtual mimo communication system	TONG, WEN
<u>10399731</u>	Not Issued	19	01/01/0001	Muti-user detector for direct sequence - code division multiple access (ds/cdma) channels	TONG, WEN
<u>10399859</u>	Not Issued	30	08/29/2003	Combination of space-time coding and spatial multiplexing, and the use of orthogonal transformation in space-time coding	TONG, WEN
<u>10400528</u>	Not Issued	41	03/28/2003	System and method for multiple input multiple output wireless transmission	TONG, WEN
<u>10400882</u>	Not Issued	30	03/28/2003	Systems and methods for channel allocation for forward-link multi-user systems	TONG, WEN
<u>10406207</u>	Not Issued	30	04/04/2003	Dual-mode shared OFDM methods/transmitters, receivers and systems	TONG, WEN
<u>10413355</u>	<u>6684361</u>	150	04/14/2003	DATA INTERLEAVER AND METHOD OF INTERLEAVING DATA	TONG, WEN
<u>10435799</u>	<u>6775332</u>	150	05/12/2003	MULTI-STAGE RECEIVER	TONG, WEN
<u>10599103</u>	Not Issued	19	01/01/0001	ADAPTIVE SCHEDULING OF VOICE TRAFFIC IN A MULTI-CARRIER COMMUNICATION ENVIRONMENT	TONG, WEN
<u>10607860</u>	Not Issued	41	06/27/2003	Fast space-time decoding using soft demapping with table look-up	TONG, WEN
<u>10612976</u>	Not Issued	30	07/07/2003	Virtual MIMO transmitters, receivers, systems and methods	TONG, WEN
<u>10626056</u>	Not Issued	80	07/24/2003	Adaptive dual-mode reverse link scheduling method for wireless telecommunications networks	TONG, WEN
<u>10655012</u>	Not Issued	30	09/05/2003	Phase offset spatial multiplexing	TONG, WEN
<u>10662465</u>	Not Issued	30	09/16/2003	OFDM system and method employing OFDM symbols with known or information-containing prefixes	TONG, WEN
<u>10689433</u>	<u>7120395</u>	150	10/20/2003	MIMO COMMUNICATIONS	TONG, WEN
<u>10736501</u>	Not	71	12/17/2003	System and method for scheduling	TONG, WEN

	Issued			transmission from multiple-beam transmitters	
<u>10736699</u>	Not Issued	30	12/17/2003	Method and apparatus for relaying a wireless signal	TONG, WEN
<u>10739044</u>	Not Issued	30	12/19/2003	Interference-weighted communication signal processing systems and methods	TONG, WEN
<u>10753546</u>	Not Issued	30	01/08/2004	Rate matching and channel interleaving for a communications system	TONG, WEN
<u>10760424</u>	Not Issued	30	01/21/2004	Physical layer structures and initial access schemes in an unsynchronized communication network	TONG, WEN
<u>10792127</u>	Not Issued	30	03/04/2004	Communication channel optimization systems and methods in multi-user communication systems	TONG, WEN
<u>10799684</u>	Not Issued	30	03/15/2004	Channel structures, systems, and methods to support high speed communication channels	TONG, WEN
<u>10870860</u>	Not Issued	161	06/17/2004	Soft handoffs between base transceiver stations in a mimo system with feedback based channel selection and optimization	TONG, WEN
<u>10912241</u>	Not Issued	30	08/06/2004	Communication signal equalization systems and methods	TONG, WEN

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PALM INTRANET**Inventor Name Search Result**

Your Search was:

Last Name = TONG

First Name = WEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10913403</u>	Not Issued	30	08/09/2004	Communication signal decoding and soft demapping methods and systems	TONG, WEN
<u>10915393</u>	Not Issued	30	08/11/2004	System and method for embedding OFDM in CDMA systems	TONG, WEN
<u>10948124</u>	Not Issued	30	09/24/2004	Signalling channel and radio system for power saving in wireless devices	TONG, WEN
<u>11091021</u>	Not Issued	30	03/25/2005	Servicing multiple high speed data users in shared packets of a high speed wireless channel	TONG, WEN
<u>11124750</u>	Not Issued	30	05/09/2005	Frame structures supporting voice or streaming communications with high speed data communications in wireless access networks	TONG, WEN
<u>11168835</u>	Not Issued	30	06/28/2005	Dual protocol layer automatic retransmission request scheme for wireless air interface	TONG, WEN
<u>11194293</u>	Not Issued	30	08/01/2005	Multi-carrier arrangement for high speed data	TONG, WEN
<u>11315056</u>	Not Issued	71	12/22/2005	Adaptive time diversity and spatial diversity for OFDM	TONG, WEN
<u>11336371</u>	Not Issued	25	01/20/2006	Adaptive orthogonal scheduling for virtual MIMO system	TONG, WEN
<u>11403353</u>	Not Issued	30	04/13/2006	Adaptive coding and modulation	TONG, WEN
<u>11403469</u>	Not Issued	25	04/13/2006	Soft handoff for OFDM	TONG, WEN
<u>11410769</u>	Not Issued	40	04/25/2006	Efficient OFDM communications with interference immunity	TONG, WEN
<u>11435455</u>	Not	25	05/16/2006	Hybrid ARQ schemes with soft	TONG, WEN

	Issued			combining in variable rate packet data applications	
<u>11435486</u>	Not Issued	30	05/17/2006	Method and system for allocating media access control layer resources in a wireless communication environment	TONG, WEN
<u>11488366</u>	Not Issued	20	07/17/2006	OFDM system and method for supporting a wide range of mobility speeds	TONG, WEN
<u>11529222</u>	Not Issued	25	09/29/2006	Method and system for performing cell selection for OFDM communications	TONG, WEN
<u>11529223</u>	Not Issued	25	09/29/2006	Frame structure, system and method for OFDM communications	TONG, WEN
<u>11529245</u>	Not Issued	25	09/29/2006	Method and system for performing synchronization in OFDM systems	TONG, WEN
<u>11529246</u>	Not Issued	20	09/29/2006	Scattered pilot pattern and channel estimation method for MIMO-OFDM systems	TONG, WEN
<u>11547077</u>	Not Issued	19	01/01/0001	Wireless communication methods, systems, and signal structures	TONG, WEN
<u>11547078</u>	Not Issued	19	01/01/0001	Ldpc encoders, decoders, systems and methods	TONG, WEN
<u>11547187</u>	Not Issued	19	01/01/0001	Space-time blocking code systems and methods	TONG, WEN
<u>11570028</u>	Not Issued	19	01/01/0001	HANDOFFS AND HANDOFF SELECTION IN A WIRELESS ACCESS NETWORK	TONG, WEN
<u>11582663</u>	Not Issued	30	10/17/2006	Adaptive time diversity and spatial diversity for OFDM	TONG, WEN
<u>60004979</u>	Not Issued	159	10/10/1995	CO-CHANNEL INTERFERENCE REDUCTION	TONG, WEN
<u>60096886</u>	Not Issued	159	08/17/1998	SUB-FRAMES FOR CDMA 2000	TONG, WEN
<u>60098817</u>	Not Issued	159	09/02/1998	POWER CONTROL AND ISMA BIT TRANSMISSION	TONG, WEN
<u>60102061</u>	Not Issued	159	09/28/1998	POWER CONTROL AND ISMA BIT TRANSMISSION	TONG, WEN
<u>60102250</u>	Not Issued	159	09/29/1998	ENHANCED INTERLEAVER DESIGN FOR TURBO CODE	TONG, WEN
<u>60111747</u>	Not Issued	159	12/10/1998	EFFICIENT IMPLEMENTATIONS OF PROPOSED TURBO CODE	TONG, WEN

				INTERLEAVERS FOR THIRD GENERATION CODE DIVISION MULTIPLE ACCESS	
<u>60115394</u>	Not Issued	159	01/11/1999	METHODS AND APARATUS FOR TURBO CODE	TONG, WEN
<u>60176303</u>	Not Issued	159	01/18/2000	MULTI-BEAM ANTENNA SYSTEM FOR HIGH SPEED DATA	TONG, WEN
<u>60177055</u>	Not Issued	159	01/20/2000	HYBRID ARQ SCHEMES WITH SOFT COMBINING FOR VARIABLE RATE HIGH SPEED PACKET DATA APPLICATIONS	TONG, WEN
<u>60177056</u>	Not Issued	159	01/20/2000	MULTI-BEAM ANTENNA SYSTEM FOR HIGH SPEED DATA	TONG, WEN
<u>60177093</u>	Not Issued	159	01/20/2000	Transmission of High Speed Data in Variable Rate Wireless Channels	TONG, WEN
<u>60197553</u>	Not Issued	159	04/17/2000	Dual-level(Protocol Layer 1 and Layer 2) ARQ scheme for wireless air interface	TONG, WEN
<u>60229972</u>	Not Issued	159	09/01/2000	Orthogonal frequency division multiplexing(ofdm)systems	TONG, WEN
<u>60242050</u>	Not Issued	159	10/20/2000	Packet combining and two-stage multiuser detection in ds/cdma channel	TONG, WEN
<u>60268738</u>	Not Issued	159	02/14/2001	Partial punctured re-transmission (PPT) based harq with N-channel data flow	TONG, WEN
<u>60281817</u>	Not Issued	159	04/05/2001	Non-complete puncture re-transmission based HARQ	TONG, WEN
<u>60291954</u>	Not Issued	159	05/21/2001	Apparatus and method for encoding and decoding data within wireless networks	TONG, WEN
<u>60296099</u>	Not Issued	159	06/05/2001	Adaptive coding and modulation without channel quality estimation and feedback	TONG, WEN
<u>60296100</u>	Not Issued	159	06/05/2001	CDMA forward link multi-carrier hopping based on switch diversity	TONG, WEN
<u>60296101</u>	Not Issued	159	06/05/2001	Adaptive MAX-CIR and round-robin scheduler for multi-carrier sysrtem	TONG, WEN
<u>60299061</u>	Not Issued	159	06/18/2001	Multi-carrier wireless telecommunication network for	TONG, WEN

				data and voice transmission	
<u>60299062</u>	Not Issued	159	06/18/2001	Adaptive real time service scheduler based on multi-carrier system	TONG, WEN
<u>60301769</u>	Not Issued	159	06/28/2001	MAC channel operation for receiving on more than one forward link carrier	TONG, WEN
<u>60314168</u>	Not Issued	159	08/23/2001	System and method for reducing the peak power in multi-carrier modulation	TONG, WEN
<u>60314169</u>	Not Issued	159	08/23/2001	System and method performing quadrature amplitude modulation by combining cosets and strongly coded coset identifiers	TONG, WEN
<u>60315866</u>	Not Issued	159	08/30/2001	Data streaming service using adaptive transmission scheduling	TONG, WEN

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Last Name = TONG

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
60329507	Not Issued	159	10/17/2001	Method and apparatus for fine synchronization in frequency domain for MIMO-OFDM system	TONG, WEN
60329509	Not Issued	159	10/17/2001	Scattered pilot pattern and channel estimation method for MIMO-OFDM system	TONG, WEN
60329510	Not Issued	159	10/17/2001	Cell selection and the system access for MIMO OFDM based mobile communications system	TONG, WEN
60329511	Not Issued	159	10/17/2001	Method and apparatus for channel quality measurement for adaptive modulation and coding	TONG, WEN
60329514	Not Issued	159	10/17/2001	Physical layer packet structure and frame header design for MIMO-OFDM system	TONG, WEN
60329515	Not Issued	159	10/17/2001	Combined pilot and fast signalling for MIMO-OFDM based differential space-time block coding	TONG, WEN
60340024	Not Issued	159	12/10/2001	Multimedia traffic service using an adaptive NCP-HARQ system	TONG, WEN
60342946	Not Issued	159	12/21/2001	Multimedia traffic service using an adaptive NCP-HARQ system	TONG, WEN
60386477	Not Issued	159	06/07/2002	Systems and methods for channel allocation for forward-link multi-user systems	TONG, WEN
60391624	Not Issued	159	06/27/2002	Wireless uplink physical layer system and method	TONG, WEN
60400197	Not Issued	159	07/31/2002	Adaptive dual-mode reverse link scheduling method for wireless telecommunications networks	TONG, WEN

<u>60441105</u>	Not Issued	159	01/21/2003	OFDM physical layer structure and initial system access scheme in unsynchronized cellular network	TONG, WEN
<u>60454351</u>	Not Issued	159	03/14/2003	TDM pilot and embedded signalling channel structure to support reverse link high speed packet data operation for CDMA systems	TONG, WEN
<u>60493004</u>	Not Issued	159	08/07/2003	OFDM system and method employing OFDM symbols with known or information-containing prefixes	TONG, WEN
<u>60493331</u>	Not Issued	159	08/08/2003	System and method for forward link equalization in CDMA systems	TONG, WEN
<u>60493800</u>	Not Issued	159	08/11/2003	System and method for embedding OFDM into WCDMA systems	TONG, WEN
<u>60494087</u>	Not Issued	159	08/12/2003	OFDM mode for single carrier and multi-carrier CDMA systems	TONG, WEN
<u>60517389</u>	Not Issued	159	11/06/2003	Multi-user MIMO with channel feedback for fixed wireless system	TONG, WEN
<u>60517637</u>	Not Issued	159	11/06/2003	System and method for scheduling transmission from multiple-beam transmitters	TONG, WEN
<u>60517893</u>	Not Issued	159	11/07/2003	Closed loop multi-user MISO/MIMO	TONG, WEN
<u>60552807</u>	Not Issued	159	03/12/2004	Feedback assisted soft handoffs between base transceiver stations having MIMO antennas	TONG, WEN
<u>60553161</u>	Not Issued	159	03/15/2004	Pilot design for OFDM systems with four transmit antennas	TONG, WEN
<u>60553299</u>	Not Issued	159	03/15/2004	TDD frame structure for OFDM	TONG, WEN
<u>60558329</u>	Not Issued	159	03/31/2004	OFDM based voice service based on adaptive channel-aware scheduling	TONG, WEN
<u>60558566</u>	Not Issued	159	04/02/2004	Wireless communication methods, systems, and signal structures	TONG, WEN
<u>60563802</u>	Not Issued	159	04/21/2004	Space time transmit diversity systems and methods for OFDMA applications	TONG, WEN
<u>60563815</u>	Not Issued	159	04/21/2004	LPDL encoders, decoder systems and methods	TONG, WEN
<u>60566009</u>	Not	159	04/28/2004	Method and apparatus of mapping	TONG, WEN

	Issued			MIMO signal onto OFDM access sub-carriers	
60577205	Not Issued	159	06/07/2004	Handover schemes in OFDMA-based and other air-interfaces	TONG, WEN
60577366	Not Issued	159	06/04/2004	Method and system for soft handoff in OFDMA/MIMO based mobile broadband systems with layer 2 processing at the base station	TONG, WEN
60580906	Not Issued	159	06/21/2004	Methods and systems for soft handoff	TONG, WEN
60581356	Not Issued	159	06/22/2004	Communication signal processing methods and systems	TONG, WEN
60582298	Not Issued	159	06/24/2004	Method and apparatus for feedback and location update	TONG, WEN
60585583	Not Issued	159	07/07/2004	System and method for mapping of MIMO onto OFDMA symbols	TONG, WEN
60598225	Not Issued	159	08/02/2004	Fast anchor BS selection and switching operation	TONG, WEN
60598660	Not Issued	159	08/04/2004	Method and apparatus of flexible preamble for IEEE802.16e	TONG, WEN
60601178	Not Issued	159	08/13/2004	Systems and methods for OFDMA space time coding sub-channel mapping and power control	TONG, WEN
60603260	Not Issued	159	08/23/2004	Method and system for multi-beam transmission for fixed wireless networks	TONG, WEN
60614621	Not Issued	159	09/30/2004	Methods and apparatus of closed loop MIMO pre-coding and feedback for IEEE802.16e	TONG, WEN
60619461	Not Issued	159	10/15/2004	MAC layer and physical layer systems and methods	TONG, WEN
60624343	Not Issued	159	11/02/2004	Section 1 wireless access network resource management systems and methods; Section 2 wireless encryption systems and methods	TONG, WEN
60627985	Not Issued	159	11/15/2004	Uplink and acknowledgement channel systems and methods	TONG, WEN
60634524	Not Issued	159	12/10/2004	OFDMA reverse link data transmission systems and methods	TONG, WEN
60642697	Not Issued	159	01/10/2005	Closed loop MIMO systems and methods	TONG, WEN
60645407	Not	159	01/19/2005	MIMO packet re-transmission	TONG, WEN

	Issued			systems and methods	
<u>60652976</u>	Not Issued	159	02/15/2005	Broadband data only radio access system using OFDM and CDMA transmission	TONG, WEN
<u>60658696</u>	Not Issued	159	03/04/2005	Communication resource allocation systems and methods	TONG, WEN
<u>60666548</u>	Not Issued	159	03/30/2005	MIMO-OFDM air interface	TONG, WEN
<u>60674878</u>	Not Issued	159	04/26/2005	Systems and method for multi-carrier and single carrier wireless communications	TONG, WEN
<u>60674904</u>	Not Issued	159	04/26/2005	OFDM sub-carrier arrangement	TONG, WEN

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
60677493	Not Issued	159	05/04/2005	Wireless feedback system and methods	TONG, WEN
60683131	Not Issued	159	05/19/2005	OFDM air interface	TONG, WEN
60683223	Not Issued	159	05/19/2005	Methods and systems for allocating MAC layer resources	TONG, WEN
60687412	Not Issued	159	06/03/2005	OFDM air interface	TONG, WEN
60693328	Not Issued	159	06/23/2005	Communication resource allocation systems and methods	TONG, WEN
60703024	Not Issued	159	07/27/2005	FDMA uplink systems and methods	TONG, WEN
60710527	Not Issued	159	08/23/2005	OFDMA systems and methods	TONG, WEN
60710584	Not Issued	159	08/23/2005	Methods and systems to mitigate inter-cell interference	TONG, WEN
60722652	Not Issued	159	09/30/2005	Adaptive power control data transmission systems and methods	TONG, WEN
60722807	Not Issued	159	09/30/2005	MIMO communication systems and methods	TONG, WEN
60725951	Not Issued	159	10/12/2005	Multi-user MIMO systems and methods	TONG, WEN
60728845	Not Issued	159	10/21/2005	OFDM channelization systems and methods	TONG, WEN
60728848	Not Issued	159	10/21/2005	VoIP allocation signaling systems and methods	TONG, WEN
60735706	Not Issued	159	11/10/2005	MAC control plane systems and methods for wireless relay networks	TONG, WEN
60735766	Not Issued	159	11/12/2005	MAC data plane systems and methods for wireless mesh networks	TONG, WEN

<u>60735767</u>	Not Issued	159	11/12/2005	Unidirectional wireless relay systems and methods	TONG, WEN
<u>60735779</u>	Not Issued	159	11/12/2005	MAC data plane systems and methods for wireless relay networks	TONG, WEN
<u>60735940</u>	Not Issued	159	11/10/2005	Wireless relay systems and methods	TONG, WEN
<u>60741923</u>	Not Issued	159	12/02/2005	OFDM channelization systems and methods	TONG, WEN
<u>60746996</u>	Not Issued	20	05/11/2006	MAC PROTOCOL DESIGN FOR MULTI-HOP NETWORKS	TONG, WEN
<u>60748555</u>	Not Issued	159	12/08/2005	Assignment combination index method to reduce assignment overhead	TONG, WEN
<u>60759388</u>	Not Issued	20	01/17/2006	Access channel systems and methods	TONG, WEN
<u>60759461</u>	Not Issued	20	01/17/2006	MIMO-OFDM air interface	TONG, WEN
<u>60776448</u>	Not Issued	20	02/24/2006	Virtual base-station and tunnel CID approach for WiMAX mobile multi-hop relay network	TONG, WEN
<u>60783711</u>	Not Issued	20	03/17/2006	Closed-loop MIMO systems and methods	TONG, WEN
<u>60785482</u>	Not Issued	20	03/24/2006	Forward link control channel systems and methods	TONG, WEN
<u>60794285</u>	Not Issued	20	04/21/2006	MIMO feedback systems and methods	TONG, WEN
<u>60795685</u>	Not Issued	20	04/28/2006	Adaptive transmission systems and methods	TONG, WEN
<u>60795688</u>	Not Issued	20	04/28/2006	Adaptive HARQ systems and methods	TONG, WEN
<u>60804883</u>	Not Issued	20	06/15/2006	ACCESS CHANNEL SYSTEMS AND METHODS	TONG, WEN
<u>60805815</u>	Not Issued	20	06/26/2006	SYNCHRONIZATION WITH A CDD BASED SYNC CHANNEL	TONG, WEN
<u>60806641</u>	Not Issued	20	07/06/2006	Multi-Hop Communication Systems and Methods	TONG, WEN
<u>60808078</u>	Not Issued	20	05/24/2006	OFDM system and method for supporting a wide range of mobility speeds	TONG, WEN
<u>60809341</u>	Not Issued	20	05/31/2006	Methods and systems for OFDM communication using relays	TONG, WEN
<u>60810573</u>	Not Issued	20	06/02/2006	Wireless communication systems and methods	TONG, WEN

60814417	Not Issued	20	06/16/2006	Access channel systems and methods	TONG, WEN
60820510	Not Issued	20	07/27/2006	MAC Protocol Design for Multi-Hop Networks	TONG, WEN
60820692	Not Issued	20	07/28/2006	MULTI-HOP NETWORK TOPOLOGY SYSTEMS AND METHODS	TONG, WEN
60820705	Not Issued	20	07/28/2006	VoIP Allocation Signaling Systems and Methods	TONG, WEN
60820708	Not Issued	20	07/28/2006	VoIP Allocation Signaling Systems and Methods	TONG, WEN
60822816	Not Issued	20	08/18/2006	SYSTEM AND METHOD PROVIDING OFDM FRAME STRUCTURE FOR NETWORKS INCLUDING RELAYS; SYSTEM AND METHOD FOR RELAY STATION/MOBILE STATION RESOURCE REQUEST AND GRANT; SYSTEM AND METHOD FOR INTRA CELL PEER-TO-PEER COMMUNICATION	TONG, WEN
60822960	Not Issued	20	08/21/2006	METHODS AND SYSTEMS FOR OFDM COMMUNICATION USING RELAYS	TONG, WEN
60822998	Not Issued	20	08/21/2006	ADAPTIVE HARQ SYSTEMS AND METHODS	TONG, WEN
60823196	Not Issued	20	08/22/2006	MULTI-ANTENNA SCHEDULING SYSTEMS AND METHODS	TONG, WEN
60824158	Not Issued	20	08/31/2006	MIMO AND COLLABORTIVE MIMO FOR SINGLE CARRIER BASED UL	TONG, WEN
60825213	Not Issued	20	09/11/2006	SYSTEM AND METHOD FOR SPATIAL MULTIPLEXING-BASED OFDM BROADCAST/MULTICAST TRANSMISSION	TONG, WEN
60827334	Not Issued	20	09/28/2006	SYSTEMS AND METHODS FOR MS-BS-MS AND MS-RS-MS OPERATION	TONG, WEN
60862926	Not Issued	18	10/25/2006	MIMO Feedback Systems and Methods	TONG, WEN
60863264	Not Issued	20	10/27/2006	Adaptive MIMO Systems and Methods	TONG, WEN
60863703	Not Issued	20	10/31/2006	UNBALANCED PILOT STRUCTURES FOR SYSTEM	TONG, WEN

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
60863873	Not Issued	20	11/01/2006	Methods and Systems for OFDM Communications Using Relays	TONG, WEN
60864039	Not Issued	20	11/02/2006	MOVING RELAY STATION (RS) OPERATION IN A RELAY/MESH NETWORK	TONG, WEN
60864324	Not Issued	20	11/03/2006	SIMULTANEOUS TRANSMISSIONS FROM RELAYS TO INCREASE BOTH COVERAGE AND CAPACITY BY AVOIDING INTERFERENCE	TONG, WEN
60866111	Not Issued	20	11/16/2006	WIRELESS ACCESS SYSTEMS AND METHODS	TONG, WEN
07016022	4822856	150	02/18/1987	PREPARATION OF POLYMERIC BLEND STOCK	TONG, WEN H.
07530382	5034485	150	05/30/1990	MULTIFUNCTIONAL CYCLOBUTARENE PEROXIDE POLYMERIZATION INITIATORS	TONG, WEN H.
07703951	5087738	150	05/22/1991	MULTIFUNCTIONAL CYCLOBUTARENE PEROXIDE POLYMERIZATION INITIATORS	TONG, WEN H.
07703952	5079322	150	05/22/1991	MULTIFUNCTIONAL CYCLOBUTARENE PEROXIDE POLYMERIZATION INITIATORS	TONG, WEN H.
06824330	Not Issued	161	01/30/1986	IMPACT MODIFIERS FOR POLYVINYL CHLORIDE RESINS	TONG, WEN-HONG
07966793	Not Issued	166	10/27/1992	METHOD FOR INCREASING THE MOLECULAR WEIGHT OF THERMOPLASTIC POLYMERS OF MONOALKENYL ARENES	TONG, WEN-HONG
08203841	5422410	150	02/28/1994	METHOD FOR INCREASING THE MOLECULAR WEIGHT OF	TONG, WEN-HONG

				THERMOPLASTIC POLYMERS OF MONOALKENYL ARENES	
<u>09199623</u>	<u>6040353</u>	150	11/25/1998	RADIATION CURABLE SILICONE COMPOSITIONS	TONG, WEN-HONG
<u>09199645</u>	<u>6028124</u>	150	11/25/1998	RADIATION CURABLE COMPOSITIONS	TONG, WEN-HONG
<u>09200332</u>	Not Issued	161	11/25/1998	VINYL ETHER FUNCTIONAL ORGANOPOLYSILOXANES AND THEIR USE IN RADIATION CURABLE SILICONE COMPOSITIONS	TONG, WEN-HONG
<u>09200547</u>	Not Issued	161	11/25/1998	VINYL ETHER FUNCTIONAL ORGANOPOLYSILOXANES AND THEIR USE IN RADIATION CURABLE SILICONE COMPOSITIONS	TONG, WEN-HONG
<u>09263431</u>	<u>6442728</u>	150	03/04/1999	METHODS AND APPARATUS FOR TURBO CODE	TONG, WENG
<u>60350911</u>	Not Issued	159	01/25/2002	Methods and apparatus of a short message (SMS) based broadcasting and whiteboard system for enterprise and entertainment business	TONG, WENGE
<u>10678756</u>	Not Issued	41	10/02/2003	Computational method for predicting protein interaction sites	TONG, WENXU

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Last Name = ROYER

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
08329922	5506869	150	10/27/1994	METHODS AND APPARATUS FOR ESTIMATING CARRIER-TO-INTERFERENCE RATIOS AT CELLULAR RADIO BASE STATIONS	ROYER, CLAUDE
08502264	5710791	250	07/13/1995	METHODS AND APPARATUS FOR PREDICTING VOICE QUALITY IN AMPS CELLULAR RADIO SYSTEMS	ROYER, CLAUDE
09764660	7072307	150	01/18/2001	HYBRID ARQ SCHEMES WITH SOFT COMBINING IN VARIABLE RATE PACKET DATA APPLICATIONS	ROYER, CLAUDE
09764663	6804521	150	01/18/2001	MULTI-BEAM ANTENNA SYSTEM FOR HIGH SPEED DATA	ROYER, CLAUDE
09766159	6956835	150	01/19/2001	MULTI-CARRIER ARRANGEMENT FOR HIGH SPEED DATA	ROYER, CLAUDE
09766261	Not Issued	161	01/19/2001	Flexible frame structures in adaptive high data rate wireless access systems	ROYER, CLAUDE
09766267	Not Issued	41	01/19/2001	Frame structure for variable rate wireless channels transmitting high speed data	ROYER, CLAUDE
10612976	Not Issued	30	07/07/2003	Virtual MIMO transmitters, receivers, systems and methods	ROYER, CLAUDE
10662465	Not Issued	30	09/16/2003	OFDM system and method employing OFDM symbols with known or information-containing prefixes	ROYER, CLAUDE
10747942	Not	30	12/31/2003	Multi-hop wireless backhaul	ROYER, CLAUDE

	Issued			network and method	
<u>10912241</u>	Not Issued	30	08/06/2004	Communication signal equalization systems and methods	ROYER, CLAUDE
<u>10948124</u>	Not Issued	30	09/24/2004	Signalling channel and radio system for power saving in wireless devices	ROYER, CLAUDE
<u>11194293</u>	Not Issued	30	08/01/2005	Multi-carrier arrangement for high speed data	ROYER, CLAUDE
<u>11435455</u>	Not Issued	25	05/16/2006	Hybrid ARQ schemes with soft combining in variable rate packet data applications	ROYER, CLAUDE
<u>60176303</u>	Not Issued	159	01/18/2000	MULTI-BEAM ANTENNA SYSTEM FOR HIGH SPEED DATA	ROYER, CLAUDE
<u>60177055</u>	Not Issued	159	01/20/2000	HYBRID ARQ SCHEMES WITH SOFT COMBINING FOR VARIABLE RATE HIGH SPEED PACKET DATA APPLICATIONS	ROYER, CLAUDE
<u>60177056</u>	Not Issued	159	01/20/2000	MULTI-BEAM ANTENNA SYSTEM FOR HIGH SPEED DATA	ROYER, CLAUDE
<u>60296099</u>	Not Issued	159	06/05/2001	Adaptive coding and modulation without channel quality estimation and feedback	ROYER, CLAUDE
<u>60493004</u>	Not Issued	159	08/07/2003	OFDM system and method employing OFDM symbols with known or information-containing prefixes	ROYER, CLAUDE
<u>60493331</u>	Not Issued	159	08/08/2003	System and method for forward link equalization in CDMA systems	ROYER, CLAUDE
<u>60558566</u>	Not Issued	159	04/02/2004	Wireless communication methods, systems, and signal structures	ROYER, CLAUDE
<u>60563815</u>	Not Issued	159	04/21/2004	LPDL encoders, decoder systems and methods	ROYER, CLAUDE
<u>60566009</u>	Not Issued	159	04/28/2004	Method and apparatus of mapping MIMO signal onto OFDM access sub-carriers	ROYER, CLAUDE
<u>60601178</u>	Not Issued	159	08/13/2004	Systems and methods for OFDMA space time coding sub-channel mapping and power control	ROYER, CLAUDE
<u>10161913</u>	7043210	150	06/04/2002	ADAPTIVE CODING AND	ROYER, CLAUDE

				MODULATION	C.
11403353	Not Issued	30	04/13/2006	Adaptive coding and modulation	ROYER, CLAUDE C.

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First Name = PEIYING

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09704684</u>	<u>6879561</u>	150	11/03/2000	METHOD AND SYSTEM FOR WIRELESS PACKET SCHEDULING WITH PER PACKET QOS SUPPORT AND LINK ADAPTATION	ZHU, PEIYING
<u>10038883</u>	Not Issued	41	01/08/2002	Scattered pilot pattern and channel estimation method for MIMO-OFDM systems	ZHU, PEIYING
<u>10038915</u>	Not Issued	41	01/08/2002	System access and synchronization methods for MIMO OFDM communications systems and physical layer packet and preamble design	ZHU, PEIYING
<u>10038916</u>	Not Issued	61	01/08/2002	Method and apparatus for channel quality measurements	ZHU, PEIYING
<u>10083100</u>	Not Issued	161	02/26/2002	Radio communications device	ZHU, PEIYING
<u>10104399</u>	<u>7042858</u>	150	03/22/2002	SOFT HANDOFF FOR OFDM	ZHU, PEIYING
<u>10116896</u>	<u>7103325</u>	150	04/05/2002	ADAPTIVE MODULATION AND CODING	ZHU, PEIYING
<u>10161913</u>	<u>7043210</u>	150	06/04/2002	ADAPTIVE CODING AND MODULATION	ZHU, PEIYING
<u>10251935</u>	Not Issued	61	09/20/2002	Incremental redundancy with space-time codes	ZHU, PEIYING
<u>10261739</u>	Not Issued	41	10/01/2002	Channel mapping for OFDM	ZHU, PEIYING
<u>10263268</u>	Not Issued	41	10/02/2002	Combined space-time decoding	ZHU, PEIYING
<u>10314347</u>	Not Issued	41	12/09/2002	Method and apparatus for scrambling based peak-to-average power ratio reduction without side	ZHU, PEIYING

				information	
<u>10321999</u>	Not Issued	30	12/16/2002	Virtual mimo communication system	ZHU, PEIYING
<u>10406207</u>	Not Issued	30	04/04/2003	Dual-mode shared OFDM methods/transmitters, receivers and systems	ZHU, PEIYING
<u>10599103</u>	Not Issued	19	01/01/0001	ADAPTIVE SCHEDULING OF VOICE TRAFFIC IN A MULTI-CARRIER COMMUNICATION ENVIRONMENT	ZHU, PEIYING
<u>10607860</u>	Not Issued	41	06/27/2003	Fast space-time decoding using soft demapping with table look-up	ZHU, PEIYING
<u>10612976</u>	Not Issued	30	07/07/2003	Virtual MIMO transmitters, receivers, systems and methods	ZHU, PEIYING
<u>10655012</u>	Not Issued	30	09/05/2003	Phase offset spatial multiplexing	ZHU, PEIYING
<u>10662465</u>	Not Issued	30	09/16/2003	OFDM system and method employing OFDM symbols with known or information-containing prefixes	ZHU, PEIYING
<u>10678631</u>	Not Issued	30	10/03/2003	Channel quality indicator for OFDM	ZHU, PEIYING
<u>10689433</u>	7120395	150	10/20/2003	MIMO COMMUNICATIONS	ZHU, PEIYING
<u>10736501</u>	Not Issued	71	12/17/2003	System and method for scheduling transmission from multiple-beam transmitters	ZHU, PEIYING
<u>10736699</u>	Not Issued	30	12/17/2003	Method and apparatus for relaying a wireless signal	ZHU, PEIYING
<u>10747942</u>	Not Issued	30	12/31/2003	Multi-hop wireless backhaul network and method	ZHU, PEIYING
<u>10760424</u>	Not Issued	30	01/21/2004	Physical layer structures and initial access schemes in an unsynchronized communication network	ZHU, PEIYING
<u>10792127</u>	Not Issued	30	03/04/2004	Communication channel optimization systems and methods in multi-user communication systems	ZHU, PEIYING
<u>10870860</u>	Not Issued	161	06/17/2004	Soft handoffs between base transceiver stations in a mimo system with feedback based channel selection and optimization	ZHU, PEIYING
<u>10913403</u>	Not	30	08/09/2004	Communication signal decoding	ZHU, PEIYING

	Issued			and soft demapping methods and systems	
<u>10915393</u>	Not Issued	30	08/11/2004	System and method for embedding OFDM in CDMA systems	ZHU, PEIYING
<u>11336371</u>	Not Issued	25	01/20/2006	Adaptive orthogonal scheduling for virtual MIMO system	ZHU, PEIYING
<u>11403353</u>	Not Issued	30	04/13/2006	Adaptive coding and modulation	ZHU, PEIYING
<u>11403469</u>	Not Issued	25	04/13/2006	Soft handoff for OFDM	ZHU, PEIYING
<u>11435486</u>	Not Issued	30	05/17/2006	Method and system for allocating media access control layer resources in a wireless communication environment	ZHU, PEIYING
<u>11488366</u>	Not Issued	20	07/17/2006	OFDM system and method for supporting a wide range of mobility speeds	ZHU, PEIYING
<u>11529222</u>	Not Issued	25	09/29/2006	Method and system for performing cell selection for OFDM communications	ZHU, PEIYING
<u>11529223</u>	Not Issued	25	09/29/2006	Frame structure, system and method for OFDM communications	ZHU, PEIYING
<u>11529245</u>	Not Issued	25	09/29/2006	Method and system for performing synchronization in OFDM systems	ZHU, PEIYING
<u>11529246</u>	Not Issued	20	09/29/2006	Scattered pilot pattern and channel estimation method for MIMO-OFDM systems	ZHU, PEIYING
<u>11570028</u>	Not Issued	19	01/01/0001	HANDOFFS AND HANDOFF SELECTION IN A WIRELESS ACCESS NETWORK	ZHU, PEIYING
<u>60296099</u>	Not Issued	159	06/05/2001	Adaptive coding and modulation without channel quality estimation and feedback	ZHU, PEIYING
<u>60329507</u>	Not Issued	159	10/17/2001	Method and apparatus for fine synchronization in frequency domain for MIMO-OFDM system	ZHU, PEIYING
<u>60329509</u>	Not Issued	159	10/17/2001	Scattered pilot pattern and channel estimation method for MIMO-OFDM system	ZHU, PEIYING
<u>60329510</u>	Not Issued	159	10/17/2001	Cell selection and the system access for MIMO OFDM based mobile communications system	ZHU, PEIYING
<u>60329511</u>	Not	159	10/17/2001	Method and apparatus for channel	ZHU, PEIYING

	Issued			quality measurement for adaptive modulation and coding	
60329514	Not Issued	159	10/17/2001	Physical layer packet structure and frame header design for MIMO-OFDM system	ZHU, PEIYING
60329515	Not Issued	159	10/17/2001	Combined pilot and fast signalling for MIMO-OFDM based differential space-time block coding	ZHU, PEIYING
60441105	Not Issued	159	01/21/2003	OFDM physical layer structure and initial system access scheme in unsynchronized cellular network	ZHU, PEIYING
60493800	Not Issued	159	08/11/2003	System and method for embedding OFDM into WCDMA systems	ZHU, PEIYING
60494087	Not Issued	159	08/12/2003	OFDM mode for single carrier and multi-carrier CDMA systems	ZHU, PEIYING
60495944	Not Issued	159	08/18/2003	Channel quality indicator for OFDM	ZHU, PEIYING

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Your Search was:

Last Name = ZHU

First Name = PEIYING

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60517389	Not Issued	159	11/06/2003	Multi-user MIMO with channel feedback for fixed wireless system	ZHU, PEIYING
60517637	Not Issued	159	11/06/2003	System and method for scheduling transmission from multiple-beam transmitters	ZHU, PEIYING
60517893	Not Issued	159	11/07/2003	Closed loop multi-user MISO/MIMO	ZHU, PEIYING
60552807	Not Issued	159	03/12/2004	Feedback assisted soft handoffs between base transceiver stations having MIMO antennas	ZHU, PEIYING
60553161	Not Issued	159	03/15/2004	Pilot design for OFDM systems with four transmit antennas	ZHU, PEIYING
60553299	Not Issued	159	03/15/2004	TDD frame structure for OFDM	ZHU, PEIYING
60558329	Not Issued	159	03/31/2004	OFDM based voice service based on adaptive channel-aware scheduling	ZHU, PEIYING
60558566	Not Issued	159	04/02/2004	Wireless communication methods, systems, and signal structures	ZHU, PEIYING
60559016	Not Issued	159	04/05/2004	MAC enhancements for 802.16e	ZHU, PEIYING
60563802	Not Issued	159	04/21/2004	Space time transmit diversity systems and methods for OFDMA applications	ZHU, PEIYING
60563815	Not Issued	159	04/21/2004	LPDL encoders, decoder systems and methods	ZHU, PEIYING
60564227	Not Issued	159	04/22/2004	MAC enhancement to support MIMO-OFDMA	ZHU, PEIYING
60564228	Not Issued	159	04/22/2004	MAC enhancement to support MIMO-OFDMA	ZHU, PEIYING

<u>60566009</u>	Not Issued	159	04/28/2004	Method and apparatus of mapping MIMO signal onto OFDM access sub-carriers	ZHU, PEIYING
<u>60577205</u>	Not Issued	159	06/07/2004	Handover schemes in OFDMA-based and other air-interfaces	ZHU, PEIYING
<u>60580906</u>	Not Issued	159	06/21/2004	Methods and systems for soft handoff	ZHU, PEIYING
<u>60581356</u>	Not Issued	159	06/22/2004	Communication signal processing methods and systems	ZHU, PEIYING
<u>60582298</u>	Not Issued	159	06/24/2004	Method and apparatus for feedback and location update	ZHU, PEIYING
<u>60585583</u>	Not Issued	159	07/07/2004	System and method for mapping of MIMO onto OFDMA symbols	ZHU, PEIYING
<u>60598225</u>	Not Issued	159	08/02/2004	Fast anchor BS selection and switching operation	ZHU, PEIYING
<u>60598660</u>	Not Issued	159	08/04/2004	Method and apparatus of flexible preamble for IEEE802.16e	ZHU, PEIYING
<u>60601178</u>	Not Issued	159	08/13/2004	Systems and methods for OFDMA space time coding sub-channel mapping and power control	ZHU, PEIYING
<u>60603260</u>	Not Issued	159	08/23/2004	Method and system for multi-beam transmission for fixed wireless networks	ZHU, PEIYING
<u>60614621</u>	Not Issued	159	09/30/2004	Methods and apparatus of closed loop MIMO pre-coding and feedback for IEEE802.16e	ZHU, PEIYING
<u>60619461</u>	Not Issued	159	10/15/2004	MAC layer and physical layer systems and methods	ZHU, PEIYING
<u>60624343</u>	Not Issued	159	11/02/2004	Section 1 wireless access network resource management systems and methods; Section 2 wireless encryption systems and methods	ZHU, PEIYING
<u>60627985</u>	Not Issued	159	11/15/2004	Uplink and acknowledgement channel systems and methods	ZHU, PEIYING
<u>60642697</u>	Not Issued	159	01/10/2005	Closed loop MIMO systems and methods	ZHU, PEIYING
<u>60645407</u>	Not Issued	159	01/19/2005	MIMO packet re-transmission systems and methods	ZHU, PEIYING
<u>60652976</u>	Not Issued	159	02/15/2005	Broadband data only radio access system using OFDM and CDMA transmission	ZHU, PEIYING
<u>60658696</u>	Not Issued	159	03/04/2005	Communication resource allocation systems and methods	ZHU, PEIYING
<u>60666548</u>	Not	159	03/30/2005	MIMO-OFDM air interface	ZHU, PEIYING

	Issued				
<u>60674878</u>	Not Issued	159	04/26/2005	Systems and method for multi-carrier and single carrier wireless communications	ZHU, PEIYING
<u>60674904</u>	Not Issued	159	04/26/2005	OFDM sub-carrier arrangement	ZHU, PEIYING
<u>60677493</u>	Not Issued	159	05/04/2005	Wireless feedback system and methods	ZHU, PEIYING
<u>60683131</u>	Not Issued	159	05/19/2005	OFDM air interface	ZHU, PEIYING
<u>60683223</u>	Not Issued	159	05/19/2005	Methods and systems for allocating MAC layer resources	ZHU, PEIYING
<u>60687412</u>	Not Issued	159	06/03/2005	OFDM air interface	ZHU, PEIYING
<u>60693328</u>	Not Issued	159	06/23/2005	Communication resource allocation systems and methods	ZHU, PEIYING
<u>60703024</u>	Not Issued	159	07/27/2005	FDMA uplink systems and methods	ZHU, PEIYING
<u>60710527</u>	Not Issued	159	08/23/2005	OFDMA systems and methods	ZHU, PEIYING
<u>60710584</u>	Not Issued	159	08/23/2005	Methods and systems to mitigate inter-cell interference	ZHU, PEIYING
<u>60722652</u>	Not Issued	159	09/30/2005	Adaptive power control data transmission systems and methods	ZHU, PEIYING
<u>60722744</u>	Not Issued	159	09/30/2005	OFDMA systems and methods	ZHU, PEIYING
<u>60722807</u>	Not Issued	159	09/30/2005	MIMO communication systems and methods	ZHU, PEIYING
<u>60725951</u>	Not Issued	159	10/12/2005	Multi-user MIMO systems and methods	ZHU, PEIYING
<u>60728845</u>	Not Issued	159	10/21/2005	OFDM channelization systems and methods	ZHU, PEIYING
<u>60735706</u>	Not Issued	159	11/10/2005	MAC control plane systems and methods for wireless relay networks	ZHU, PEIYING
<u>60735766</u>	Not Issued	159	11/12/2005	MAC data plane systems and methods for wireless mesh networks	ZHU, PEIYING
<u>60735767</u>	Not Issued	159	11/12/2005	Unidirectional wireless relay systems and methods	ZHU, PEIYING

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
60735779	Not Issued	159	11/12/2005	MAC data plane systems and methods for wireless relay networks	ZHU, PEIYING
60735940	Not Issued	159	11/10/2005	Wireless relay systems and methods	ZHU, PEIYING
60741923	Not Issued	159	12/02/2005	OFDM channelization systems and methods	ZHU, PEIYING
60746996	Not Issued	20	05/11/2006	MAC PROTOCOL DESIGN FOR MULTI-HOP NETWORKS	ZHU, PEIYING
60759388	Not Issued	20	01/17/2006	Access channel systems and methods	ZHU, PEIYING
60759461	Not Issued	20	01/17/2006	MIMO-OFDM air interface	ZHU, PEIYING
60783711	Not Issued	20	03/17/2006	Closed-loop MIMO systems and methods	ZHU, PEIYING
60785482	Not Issued	20	03/24/2006	Forward link control channel systems and methods	ZHU, PEIYING
60795685	Not Issued	20	04/28/2006	Adaptive transmission systems and methods	ZHU, PEIYING
60795688	Not Issued	20	04/28/2006	Adaptive HARQ systems and methods	ZHU, PEIYING
60804883	Not Issued	20	06/15/2006	ACCESS CHANNEL SYSTEMS AND METHODS	ZHU, PEIYING
60805815	Not Issued	20	06/26/2006	SYNCHRONIZATION WITH A CDD BASED SYNC CHANNEL	ZHU, PEIYING
60806641	Not Issued	20	07/06/2006	Multi-Hop Communication Systems and Methods	ZHU, PEIYING
60808078	Not Issued	20	05/24/2006	OFDM system and method for supporting a wide range of mobility speeds	ZHU, PEIYING
60809341	Not Issued	20	05/31/2006	Methods and systems for OFDM communication using relays	ZHU, PEIYING

<u>60810573</u>	Not Issued	20	06/02/2006	Wireless communication systems and methods	ZHU, PEIYING
<u>60814417</u>	Not Issued	20	06/16/2006	Access channel systems and methods	ZHU, PEIYING
<u>60820510</u>	Not Issued	20	07/27/2006	MAC Protocol Design for Multi-Hop Networks	ZHU, PEIYING
<u>60820692</u>	Not Issued	20	07/28/2006	MULTI-HOP NETWORK TOPOLOGY SYSTEMS AND METHODS	ZHU, PEIYING
<u>60820705</u>	Not Issued	20	07/28/2006	VoIP Allocation Signaling Systems and Methods	ZHU, PEIYING
<u>60820708</u>	Not Issued	20	07/28/2006	VoIP Allocation Signaling Systems and Methods	ZHU, PEIYING
<u>60822816</u>	Not Issued	20	08/18/2006	SYSTEM AND METHOD PROVIDING OFDM FRAME STRUCTURE FOR NETWORKS INCLUDING RELAYS; SYSTEM AND METHOD FOR RELAY STATION/MOBILE STATION RESOURCE REQUEST AND GRANT; SYSTEM AND METHOD FOR INTRA CELL PEER-TO-PEER COMMUNICATION	ZHU, PEIYING
<u>60822960</u>	Not Issued	20	08/21/2006	METHODS AND SYSTEMS FOR OFDM COMMUNICATION USING RELAYS	ZHU, PEIYING
<u>60822998</u>	Not Issued	20	08/21/2006	ADAPTIVE HARQ SYSTEMS AND METHODS	ZHU, PEIYING
<u>60823196</u>	Not Issued	20	08/22/2006	MULTI-ANTENNA SCHEDULING SYSTEMS AND METHODS	ZHU, PEIYING
<u>60824158</u>	Not Issued	20	08/31/2006	MIMO AND COLLABORTIVE MIMO FOR SINGLE CARRIER BASED UL	ZHU, PEIYING
<u>60825213</u>	Not Issued	20	09/11/2006	SYSTEM AND METHOD FOR SPATIAL MULTIPLEXING-BASED OFDM BROADCAST/MULTICAST TRANSMISSION	ZHU, PEIYING
<u>60827334</u>	Not Issued	20	09/28/2006	SYSTEMS AND METHODS FOR MS-BS-MS AND MS-RS-MS OPERATION	ZHU, PEIYING
<u>60863264</u>	Not Issued	20	10/27/2006	Adaptive MIMO Systems and Methods	ZHU, PEIYING
<u>60863703</u>	Not Issued	20	10/31/2006	UNBALANCED PILOT STRUCTURES FOR SYSTEM	ZHU, PEIYING

WITH MULTIPLE TRANSMIT ANTENNAS					
60863873	Not Issued	20	11/01/2006	Methods and Systems for OFDM Communications Using Relays	ZHU, PEIYING
60864039	Not Issued	20	11/02/2006	MOVING RELAY STATION (RS) OPERATION IN A RELAY/MESH NETWORK	ZHU, PEIYING
60864324	Not Issued	20	11/03/2006	SIMULTANEOUS TRANSMISSIONS FROM RELAYS TO INCREASE BOTH COVERAGE AND CAPACITY BY AVOIDING INTERFERENCE	ZHU, PEIYING
60866111	Not Issued	20	11/16/2006	WIRELESS ACCESS SYSTEMS AND METHODS	ZHU, PEIYING

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